

What is claimed is:

1. An optical apparatus comprising:

an optical system which includes a focus lens and forms an object image;

an image-pickup device which receives the object image formed by the optical system and photoelectrically converts the object image;

a focusing state calculating circuit which derives information indicating a focusing state of the optical system based on an output signal from an image-pickup area which corresponds to part of the image-pickup device;

a storage circuit which stores a position of the image-pickup area in the image-pickup device; and

a setting system which moves the image-pickup area, stores a position of the image-pickup area in the storage circuit, and sets an image-pickup area which has been stored in the storage circuit as the image-pickup area in performing focus adjustment control.

2. The optical apparatus according to claim 1, wherein the setting system comprises:

a first switch which is operated to instruct the image-pickup area in the image-pickup device to be moved;

a second switch which is operated to instruct a position of the image-pickup area to be stored in the storage circuit;

a third switch which is operated to instruct the image-pickup area to be switched; and

a control circuit which performs focus adjustment control by driving the focus lens based on the information derived by the focusing state calculating circuit and is electrically connected to the first switch, the second switch, and the third switch to operate in accordance with a state of each of the switches,

wherein the control circuit moves the image-pickup area in response to operation of the first switch,

the control circuit stores, in response to operation of the second switch, a position of the image-pickup area selected at the time of that operation in the storage circuit, and

the control circuit sets an image-pickup area which has been stored in the storage circuit as the image-pickup area in accordance with a state of the third switch in performing the focus adjustment control.

3. The optical apparatus according to claim 2, wherein the control circuit assigns, in response to operation of the second switch, a position of the image-pickup area selected at the time of that operation to a state of the third switch and stores that position in the storage circuit, and

in accordance with a state of the third switch, the control circuit sets an image-pickup area assigned to that state and stored in the storage circuit as the image-pickup

area in performing the focus adjustment control.

4. The optical apparatus according to claim 3, wherein the control circuit assigns, in response to operation of the second switch, a position of the image-pickup area selected at the time of that operation to a state of the third switch at that time and stores that position in the storage circuit.

5. The optical apparatus according to claim 3 or 4, wherein the control circuit sets an image-pickup area assigned to a non-operated state of the third switch and stored in the storage circuit as the image-pickup area when the third switch is not operated, and sets an image-pickup area assigned to an operated state of the third switch and stored in the storage circuit as the image-pickup area when the third switch is operated, in performing the focus adjustment control.

6. The optical apparatus according to claim 2, further comprising a fourth switch which is electrically connected to the control circuit and operated to instruct an initial position of the image-pickup area to be stored in the storage circuit,

wherein the control circuit stores, in response to operation of the fourth switch, a position of the image-pickup area selected at the time of that operation as the initial position in the storage circuit, and

at the time of power-on of the optical apparatus, the control circuit sets an image-pickup area stored as the initial position in the storage circuit as the image-pickup area.

7. The optical apparatus according to claim 6, wherein the control circuit assigns, in response to operation of the fourth switch, a position of the image-pickup area selected at the time of that operation to a state of the third switch and stores that position in the storage circuit as the initial position, and

at the time of power-on of the optical apparatus, in accordance with a state of the third switch, the control circuit sets an image-pickup area assigned to that state and stored in the storage circuit as the image-pickup area.

8. The optical apparatus according to claim 7, wherein the control circuit assigns, in response to operation of the fourth switch, a position of the image-pickup area selected at the time of that operation to a state of the third switch at that time and stores that position in the storage circuit as the initial position.

9. The optical apparatus according to claim 7 or 8, wherein, at the time of power-on of the optical apparatus, the control circuit sets an image-pickup area assigned to a non-operated state of the third switch and stored as the

initial position in the storage circuit as the image-pickup area when the third switch is not operated, and sets an image-pickup area assigned to an operated state of the third switch and stored as the initial position in the storage circuit as the image-pickup area when the third switch is operated.